

<b>Embry-Riddle Aeronautical University</b>					
<b>FY21 Awarded Proposals as of March 31, 2021</b>					
<b>Sponsor Name</b>	<b>SPONSOR TYPE</b>	<b>TITLE</b>	<b>COST CENTER</b>	<b>AMOUNT OBLIGATED TO DATE</b>	<b>ANTICIPATED TOTAL AMOUNT</b>
FEDERAL AVIATION ADMIN	Federal	Evaluating Preflight Weather Briefing Strategies	61619	186,500	373,000
		A36 Urban Air Mobility: Safety Standards, Aircraft Certification and Impact on Market Feasibility and Growth Potentials	61630	249,923	249,923
		A37 - UAS Standards Tracking, Mapping, and Analysis	61629	264,900	264,900
		FAA Data Link Security Analysis with Threat Modeling, Simulation Testbed, and Prototype Risk Assessment Tool	51364	1,070,000	1,070,000
		NextGen Task 8 Dynamic Airspace Proof of Concept	51306	234,821	234,821
		NextGen Task ERAU009 MR TBO Phase I	51307	909,839	943,567
		NextGen Task ERAU0010 UTM Eval #4	51308	821,149	821,149
		ASSURE A49 - UAS Flight Data Research in Support of ASIAs (Aviation Safety Information and Analysis Sharing)	61658	75,569	75,569
		Mitigating GPS and ADS-B Risks for UAS - A44_A11L.UAS.86	61655	135,000	135,000
		Shielded UAS Operations - Detect and Avoid (DAA) - 45_A11L.UAS.87	61656	150,000	150,000
		ASSURE A47 - Small UAS (sUAS) Mid-Air Collision (MAC) Likelihood	61657	215,000	215,000
		NextGen Task M7 Activity 1 Management and Operations	51309	1,460,752	2,285,591
		NextGen Task M7 Activity 2 FTB Sustainment	51310	412,752	578,328
		NextGen Task 12 Dynamic Airspace Phase II	51312	2,554,681	2,554,681
		NextGen Task M7 Activity 3 FTB Improvement	51311	825,917	1,162,269
NASA	Federal	Hybrid Propulsion Training Course	51352	24,750	24,750
		Redundant Flight Control System for BVLOS UAV Operatons	61618	27,319	27,319
		Searching Long Period Subdwarf B Binary Systems using the Light Time Delay Methode	61644	40,000	40,000
		High Resolution Spectroscopy of the Zodiacal Cloud: Understanding the Near-Earth Dust Environment	61650	90,187	296,854
NATIONAL SCIENCE FOUNDATION	Federal	Collaborative Research: Resolving Physical Conditions of Diffuse Ionized Gas throughout the Milky Way-Magellanic System	61611	567,279	567,279
		MRI: Acquisition of a Nanoscribe Photonic Professional GT2 3D Nanofabrication System	61615	523,552	523,552
		Graduate Research Fellowship Program (GRFP)	61616	46,000	46,000
		Undergraduate Research in a Fully Online Engineering Program: Effects on Retention, Persistence, Performance, STEM attitudes and identity.	63023	295,966	295,966
		MRI: Acquisition of a Nano-characterization System for Engineering and Physics Research and Education	61620	452,327	452,327
		Collaborative Research: Characterizing High-latitude Ionospheric Fluid Turbulence and Radio Scintillation: New Observations and Data-Driven Modeling	61626	303,939	303,939
		Collaborative Research: Convective Gravity Waves in the Stratosphere (CGWaveS)	61628	21,722	455,003

NATIONAL SCIENCE FOUNDATION	Federal	Collaborative Research: CEDAR--Upper Atmospheric Hydrogen Variability on Timescales from Dusk-Dawn to Multidecadal	61659	258,341	258,341
		Research Initiation: Student Perceptions on Ethics and Sustainability - Insights Through Analysis of Critical Narratives	61652	151,837	151,837
		REU Site: Research Projects in Data-Enabled Industrial Mathematics	61660	362,621	362,621
		REU Site: Multidisciplinary Research in Chemistry for Aerospace Applications	61662	433,369	433,369
OFFICE OF NAVAL RESEARCH				763,517	818,298
UNIVERSITY OF CENTRAL FLORIDA	Federal	Data Collection for the Human Factors Subsystem of the RxEVA Model During an Analog Lunar Mission	61653	4,417	4,417
US DEPARTMENT OF THE NAVY	Federal	Advanced Profession Training-- A Culture of Excellence	51355	361,626	1,023,151
		US Naval Community College	13818	500	500
DEPARTMENT OF DEFENSE STEM DEVELOPMENT	Federal	2020 DoD Cyber Scholarship Program: ERAU	62110	349,063	349,063
US DEPT OF TRANSPORTATION	Federal	Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Grants for Research Fellowship (GRF)- Julian Jesso	61641	31,500	31,500
		Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Graduate Fellowship-Parker Brooks	61642	5,000	5,000
		Dwight David Eisenhower Transportation Fellowship Program (DDETFP) - Erika Shellenberger	61638	5,000	5,000
		Dwight David Eisenhower Transportation Fellowship Program (DDETFP) - Emily Hiebner	61639	5,000	5,000
		Dwight David Eisenhower Transportation Fellowship Program (DDETFP) - Fanny Kristiansson	61640	31,500	31,500
JET PROPULSION LABORATORY	Federal	Thermo-Mechanical Optimization for Optical Instruments: Multidisciplinary Design of 3D Printed Graded Metal Structures (GMS3D)	51371	40,000	40,000
DEFENSE ADVANCED RESEARCH PROJECTS AGENCY	Federal	AIRWaveS: Atmosphere-Ionosphere Responses to Wave Signals	61654	200,000	6,090,884
DEPARTMENT OF ENERGY	Federal	DOE Aviation and Aerospace Annual Safety Training	51379	16,500	16,500
<b>Grand Total</b>				<b>14,979,635</b>	<b>23,773,768</b>



000753-00001A	ACTIVE	7/13/20	2021	8/16/20	ERAU DB	DB-DeanCollEngineering	DB-ElectricalCompSoftSystEng	22650	Richard S. Stansbury	OFFICE OF NAVAL RESEARCH	Federal	Research-based Enhancement of STEM ROTC Training in Aviation Cybersecurity	61614	250,000.00	250,000.00	8/16/2020	8/15/21	Grant	N	Sarah Loftus	7/13/20
000788-00001A	ACTIVE	8/11/20	2021	8/11/20	ERAU DB	DB-DeanCollEngineering	DB-ElectricalCompSoftSystEng	22650	Richard S. Stansbury	FEDERAL AVIATION ADMIN	Federal	A36 Urban Air Mobility: Safety Standards, Aircraft Certification and Impact on Market Feasibility and Growth Potentials	61630	249,923.00	249,923.00	8/11/2020	6/10/22	Cooperative Agreement	N	Karen Forte	10/16/20
000789-00001A	ACTIVE	8/11/20	2021	8/11/20	ERAU DB	DB-DeanCollEngineering	DB-ElectricalCompSoftSystEng	22650	Richard S. Stansbury	FEDERAL AVIATION ADMIN	Federal	A37 - UAS Standards Tracking, Mapping, and Analysis	61629	264,900.00	264,900.00	8/11/2020	9/10/21	Cooperative Agreement	N	Karen Forte	9/29/20
000759-00001A	ACTIVE	7/30/20	2021	8/1/20	ERAU DB	DB-Provost	DB-ResearchGraduate Studies	23000	Remzi Seker	NATIONAL SCIENCE FOUNDATION	Federal	Graduate Research Fellowship Program (GRFP)	61616	46,000.00	46,000.00	8/1/2020	7/31/25	Fellowship	N	Michelle McLaren	7/30/20
000803-00001A	ACTIVE	8/3/20	2021	8/3/20	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Christopher Kokai	FEDERAL AVIATION ADMIN	Federal	NextGen Task 8 Dynamic Airspace Proof of Concept	51306	234,821.00	234,821.00	8/3/2020	10/31/20	Other Transaction Agreement	N	Patricia Ripa	10/14/20
000854-00001A	ACTIVE	2/23/21	2021	1/1/21	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Christopher Kokai	FEDERAL AVIATION ADMIN	Federal	NextGen Task M7 Activity 1 Management and Operations	51309	1,142,795.91	730,376.00	1/1/2021	12/31/21	Other Transaction Agreement	N	Patricia Ripa	2/23/21
000855-00001A	ACTIVE	2/23/21	2021	1/1/21	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Christopher Kokai	FEDERAL AVIATION ADMIN	Federal	NextGen Task M7 Activity 1 Management and Operations	51309	1,142,795.00	730,376.00	1/1/2021	12/31/21	Other Transaction Agreement	N	Patricia Ripa	3/26/21
000856-00001A	ACTIVE	2/23/21	2021	1/1/21	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Christopher Kokai	FEDERAL AVIATION ADMIN	Federal	NextGen Task M7 Activity 2 FTB Sustainment	51310	578,328.00	412,752.00	1/1/2021	12/31/21	Other Transaction Agreement	N	Patricia Ripa	2/23/21
000860-00001A	ACTIVE	3/24/21	2021	1/15/21	ERAU DB	DB-Provost	UA-NextGen Administration	11719	David Alan Toon	FEDERAL AVIATION ADMIN	Federal	NextGen Task 12 Dynamic Airspace Phase II	51312	2,554,681.00	2,554,681.00	1/15/2021	6/30/22	Other Transaction Agreement	N	Patricia Ripa	3/31/21
000814-00001A	ACTIVE	10/20/20	2021	10/1/20	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Kirsten Vanessa Kasper	FEDERAL AVIATION ADMIN	Federal	NextGen Task ERAU0010 UTM Eval #4	51308	821,149.00	821,149.00	10/1/2020	9/30/21	Other Transaction Agreement	N	Patricia Ripa	1/12/21
000804-00001A	ACTIVE	3/26/21	2021	9/28/20	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Kirsten Vanessa Kasper	FEDERAL AVIATION ADMIN	Federal	NextGen Task ERAU009 MR TBO Phase I	51307	943,567.00	909,839.00	9/28/2020	8/31/21	Other Transaction Agreement	N	Patricia Ripa	3/26/21
000858-00001A	ACTIVE	2/23/21	2021	1/1/21	ERAU DB	DB-Provost	UA-NextGen Administration	11719	Michael D Masters	FEDERAL AVIATION ADMIN	Federal	NextGen Task M7 Activity 3 FTB Improvement	51311	1,162,269.00	825,917.00	1/1/2021	12/31/21	Other Transaction Agreement	N	Patricia Ripa	2/23/21
000785-00001A	ACTIVE	9/18/20	2021	9/18/20	ERAU PC	PC-College of Security & Intel	PC-DeptCybersecurity	42831	Radhakrishna G Sampigethaya	DEPARTMENT OF DEFENSE STEM DEVELOPMENT	Federal	2020 DoD Cyber Scholarship Program: ERAU	62110	349,063.00	349,063.00	9/18/2020	9/18/22	Grant	N	Kimberly Colburn	9/25/20
000752-00001A	ACTIVE	7/31/20	2021	8/1/20	ERAU DB	UA-VPAdministration	DB-Professional Programs	22816	Sarah L Ochs	NASA	Federal	Hybrid Propulsion Training Course	51352	24,750.00	24,750.00	8/1/2020	1/31/21	Contract	N	Doreen Paoletti	2/24/21
000857-00001A	ACTIVE	3/11/21	2021	3/11/21	ERAU DB	UA-VPAdministration	DB-Professional Programs	22816	Sarah L Ochs	DEPARTMENT OF ENERGY	Federal	DOE Aviation and Aerospace Annual Safety Training	51379	16,500.00	16,500.00	3/11/2021	12/31/21	Contract	N	Doreen Paoletti	3/11/21
000851-00001A	ACTIVE	9/28/20	2021	10/1/20	ERAU WW	WW-Chancellor's Office - WW	WW-Military Relations and Strategic Initiatives	32102	Angela C Albritton	US DEPARTMENT OF THE NAVY	Federal	US Naval Community College	13818	500.00	500.00	10/1/2020	6/30/21	Indefinite Delivery Contract	N	Nicole Whetstine	9/28/20
000780-00001A	ACTIVE	8/10/20	2021	10/1/20	ERAU WW	WW-Dean of CollegeArtsSciences	WW-DeptSTEMEducation	32551	Emily K. Faulconer	NATIONAL SCIENCE FOUNDATION	Federal	Undergraduate Research in a Fully Online Engineering Program: Effects on Retention, Persistence, Performance, STEM attitudes and identity.	63023	295,966.00	295,966.00	10/1/2020	9/30/23	Grant	N	Teresa Mitchell	